

FIG. 1

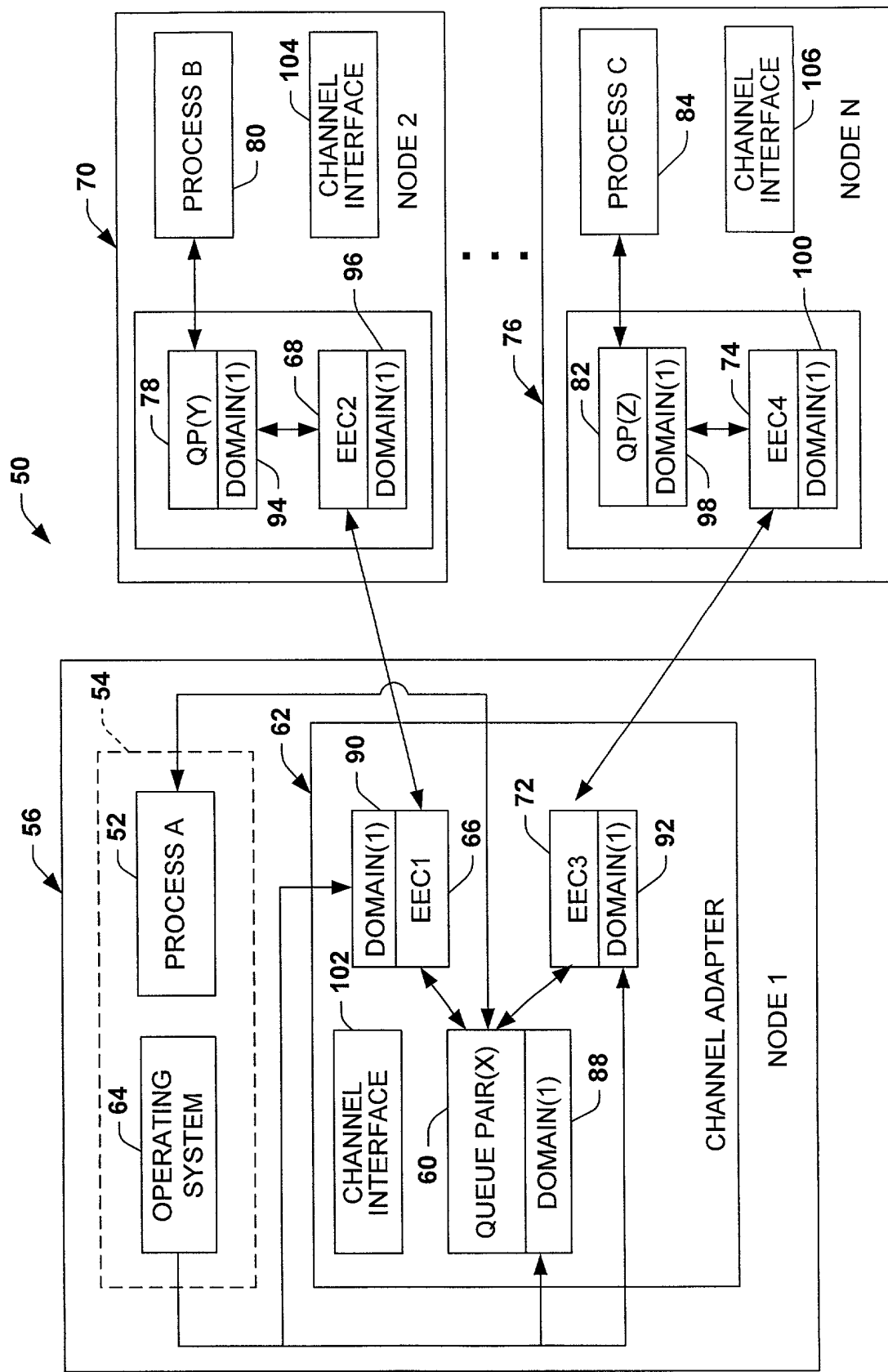


FIG. 2

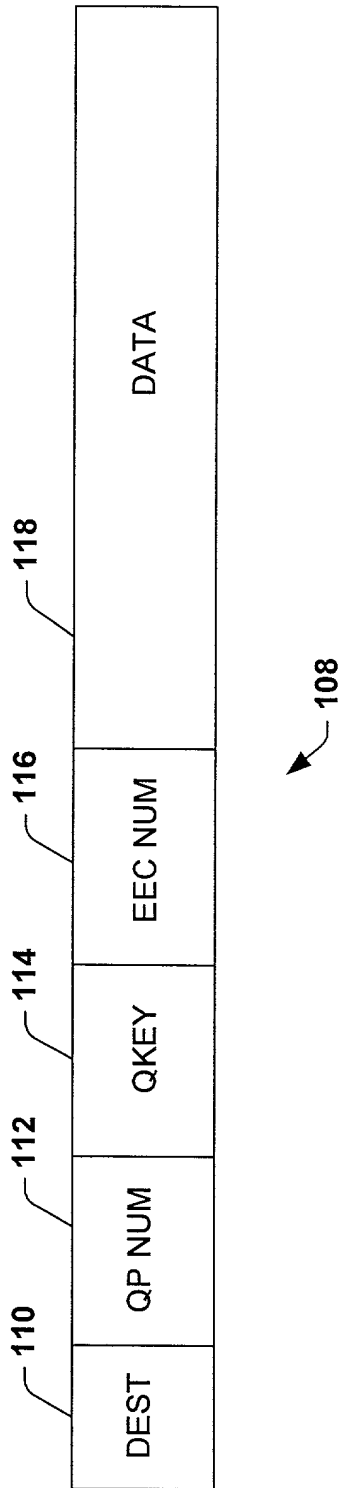


FIG. 3

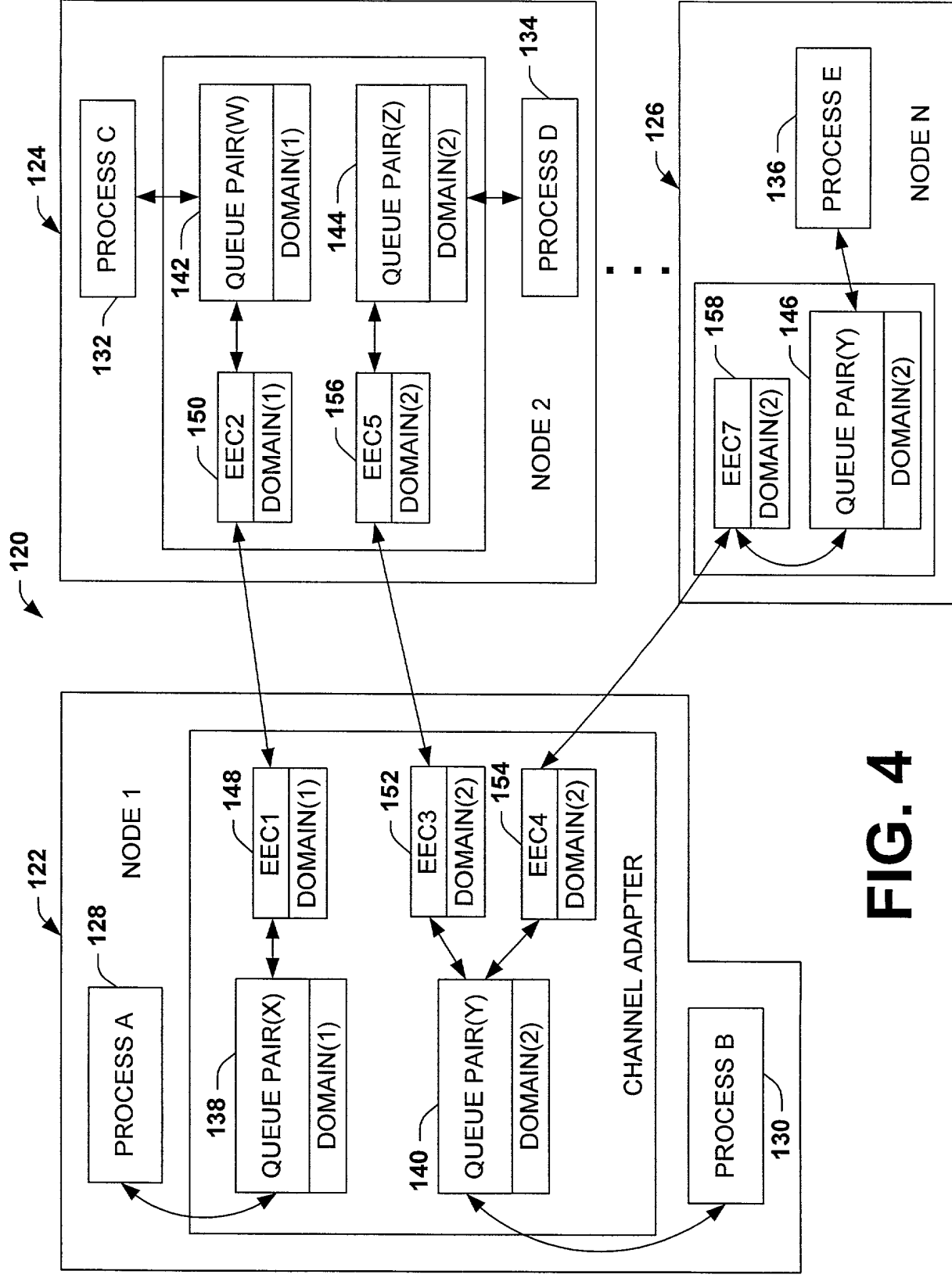


FIG. 4

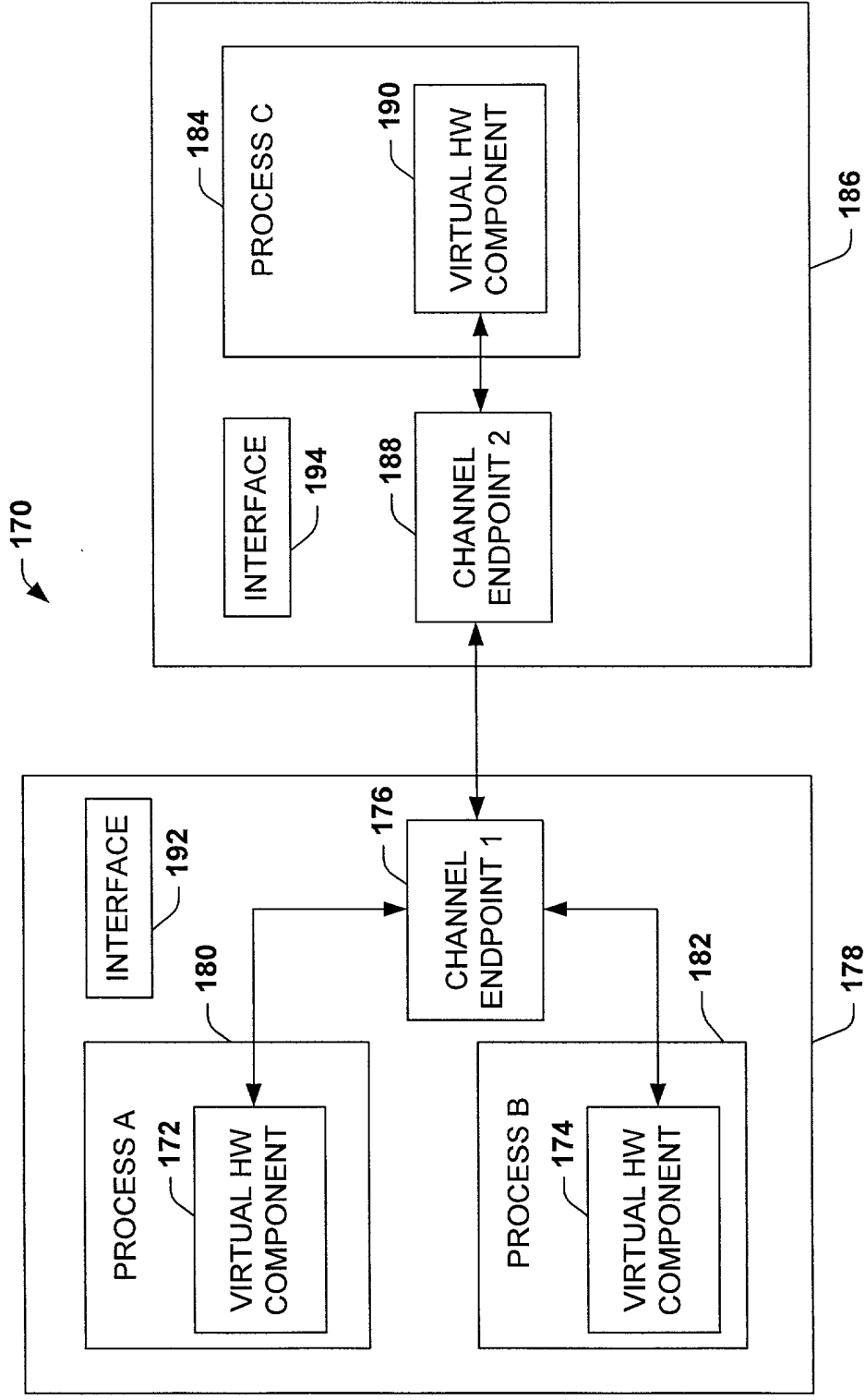


FIG. 5

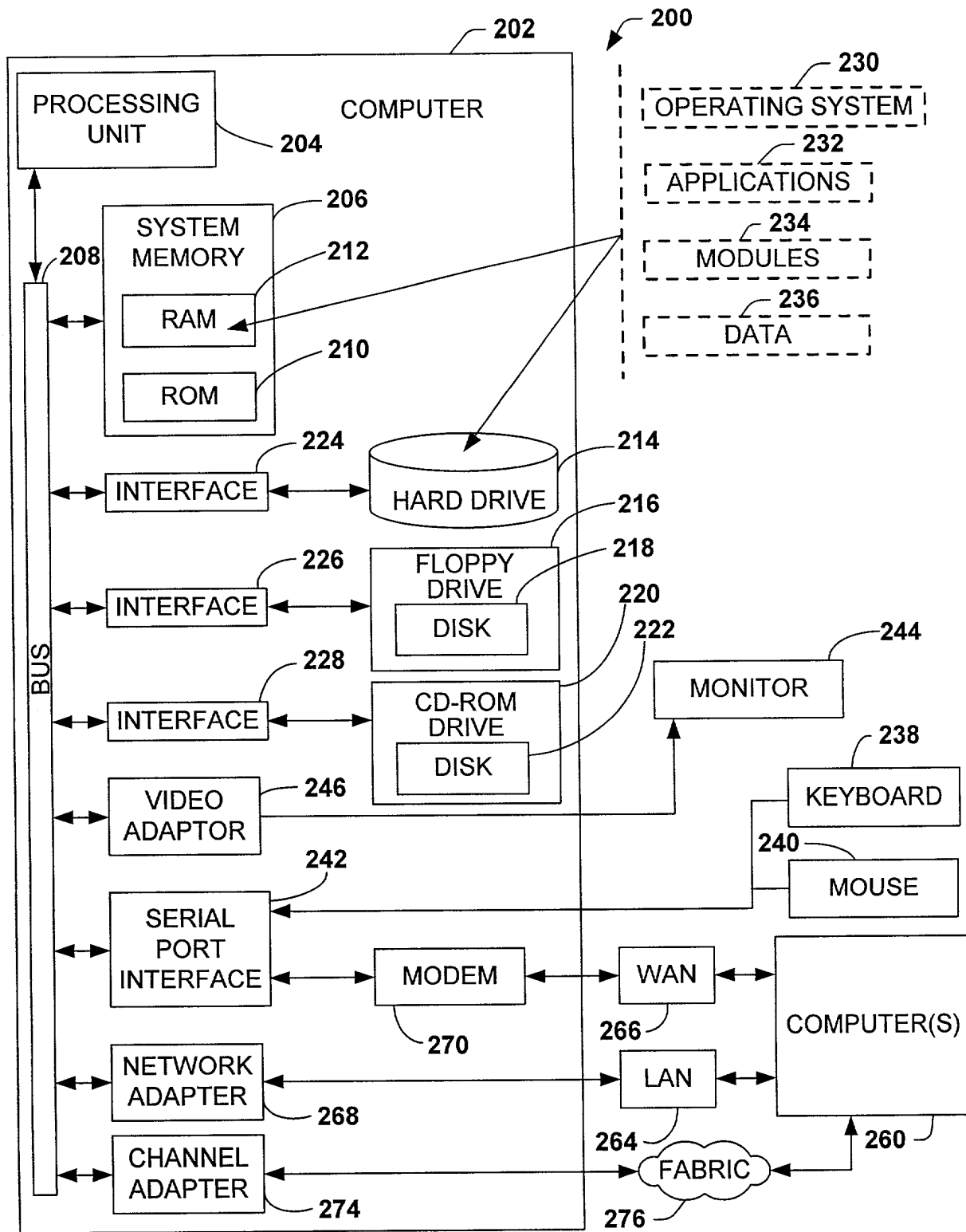


FIG. 6

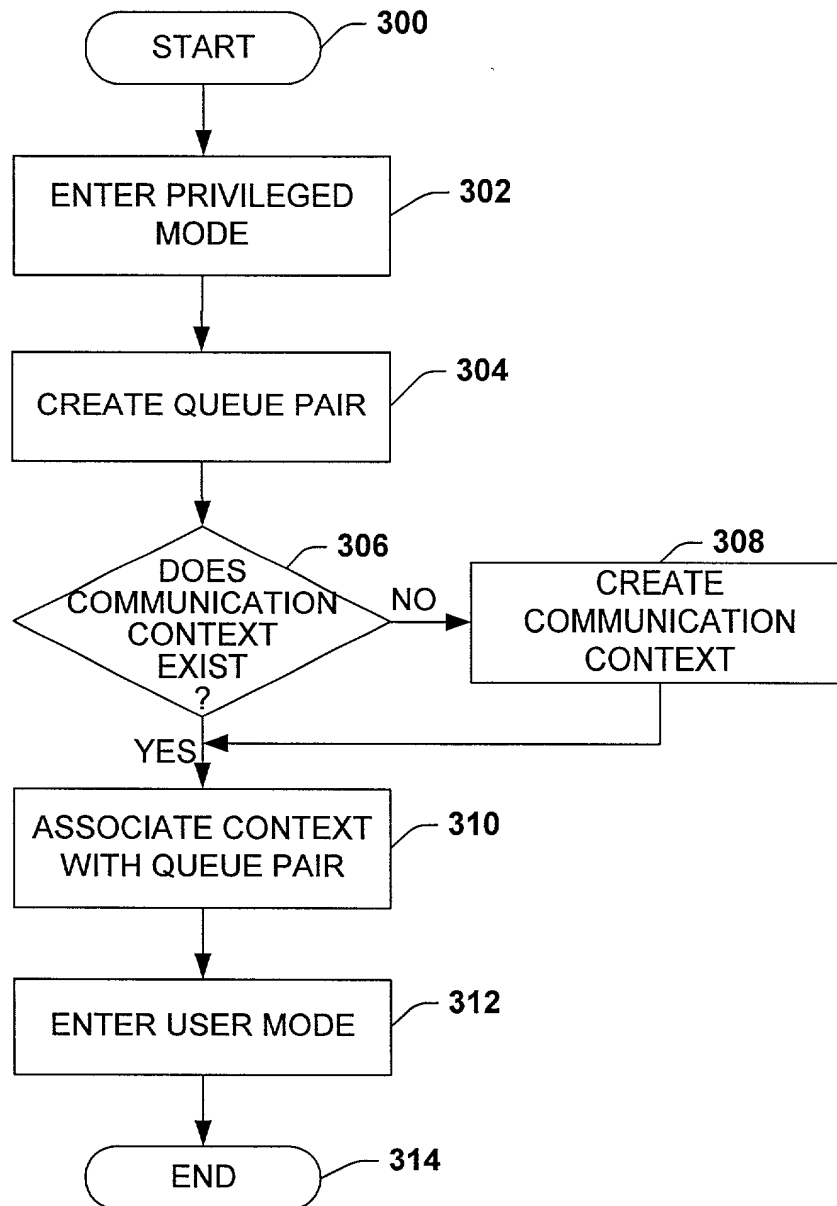


FIG. 7

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graph TD
    350([START]) --> 352{DETECT MESSAGE IN QUEUE PAIR ?}
    352 -- NO --> 350
    352 -- YES --> 354[RESOLVE MESSAGE DESTINATION]
    354 --> 356{IS ASSOCIATION VALID ?}
    356 -- NO --> 360[GENERATE ERROR MESSAGE]
    356 -- YES --> 358[SEND MESSAGE THROUGH CHANNEL]
    358 --> 352
    360 --> 362{HAS ASSOCIATION BEEN DEALLOCATED ?}
    362 -- YES --> 364([END])
    362 -- NO --> 362

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